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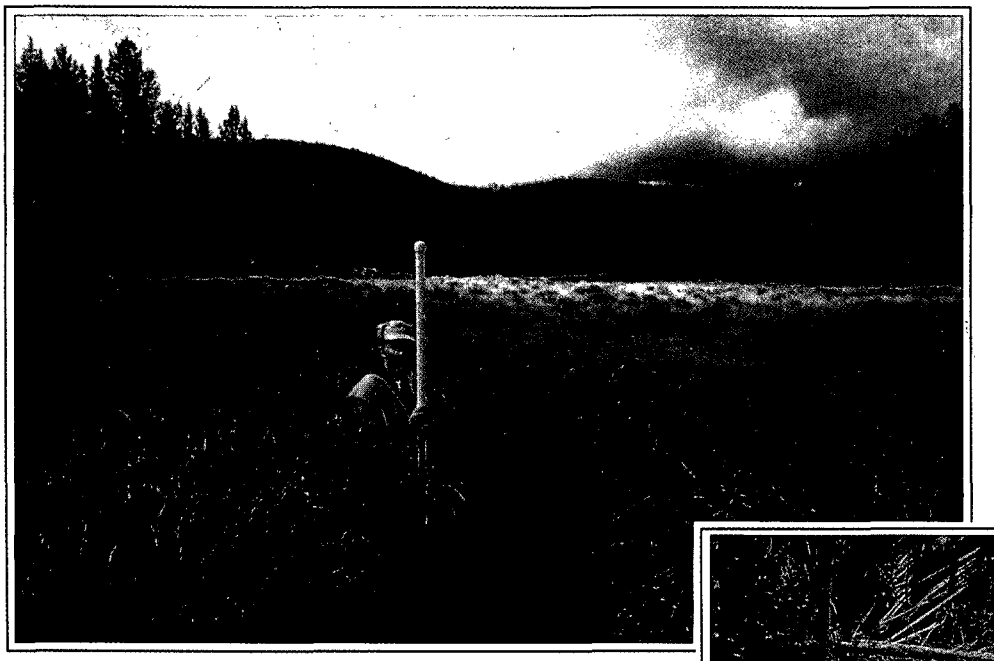
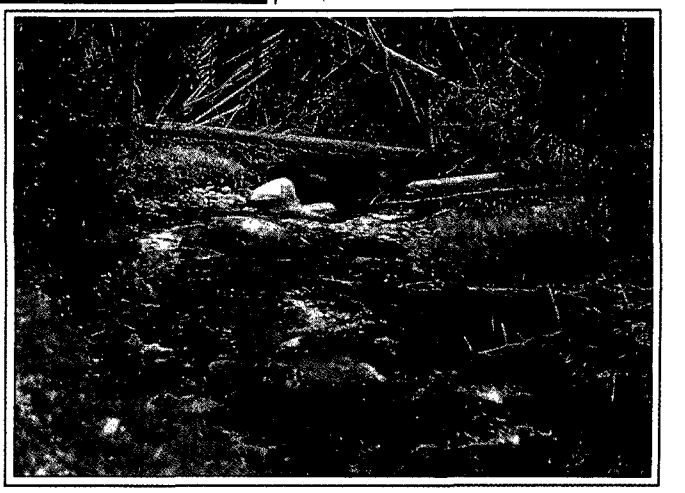
User's Guide to Fish Habitat: Descriptions that Represent Natural Conditions in the Salmon River Basin, Idaho

**C. Kerry Overton
John D. McIntyre
Robyn Armstrong
Shari L. Whitwell
Kelly A. Duncan**





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frequency, and pool frequency. Large woody debris and pool frequency are summarized by stream size classes.

The statistical summaries for the above habitat attributes can be grouped in different ways to create meaningful comparisons. For this document, the data were grouped by all stream reaches combined, by channel reach types distinguished by gradient and confinement, and by dominant geology and channel reach type. Relative frequency distributions and cumulative relative frequency distributions were graphed to display all the statistics of variation for the selected habitat variables grouped as above. Statistical summaries for additional habitat type attributes collected by the R1/R4 Fish and Fish Habitat Standard Inventory Procedures and for more refined groupings (such as by drainage area, dominant vegetation class) can be generated using the natural condition electronic data base (dBaseIV). Examples displaying some optional approaches for stratifying summary statistics are provided.

The intended uses of this natural condition data base are (1) to assist National Forest fishery biologists and resource managers in determining the current and potential condition of fish habitat for multiscale analysis areas and (2) to describe the desired resource condition for a reach, watershed, or basin that can be achieved through management objectives.

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